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PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION **TRANSMITTAL**

K35A1018 Attorney Docket No. AARON J. HANNA

First Inventor SUSPENSION DESIGN FOR ATTENUATION OF DISK FLUTTER INDUCED TRACK MIS-REGISTRATION OF A HARD DISK DRIVE BY MANIPULATION OF LOAD BEAM PITCH ANGLE

(Only for new nonprovisional applications under 37 CER 1 53(b)).

Express Mail Label No EL919833221US

ADDRESS TO: Box Patent Application	APPLICATION ELEMENTS APPLICATION FLEMENTS ASSISTANT Commissioner for Patents									
1.				ADDRESS TO: Box Patent Application						
Computer Program (Appendix)	Fee Transmittal F	Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate large table or								
See 37 CFR 1.27. X Specification Total Pages 16 16 16 16 16 16 16 1	Ismonto un torgonto total a		^ L	Computer Program (Appendix)						
a. Computer Readable Form (CRF) Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Summary of the Invention Brief Description of the Dravings (if filed) Detailed Description Claim(s) Abstract of the Disclosure ACCOMPANYING APPLICATION PARTS Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS ACCOMPANYING APPLICATION PARTS ACCOMPANYING APPLICATION PARTS ACCOMPANYING APPLICATION PARTS Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS Information Disclosure Information Decument (Information Decument (Information Beauty Information Information Beauty Information Be	2. See 37 CFR 1.27.		(if applicable, all necessary)							
- Cross Reference to Related Applications - Statement Reparting Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disciosure 4.			а. [Computer Readable	e Form (CRF)					
- Statement Regarding Fed sponsored R & D - Reference to sequence listing, appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Clairn(s) - Abstract of the Disclosure 4.	- Descriptive title - Cross Reference	of the invention e to Related Applications	b :	b Specification Sequence Listing on:						
or a computer program isting appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (<i>f filed</i>) Detailed Description Claim(s) - Abstract of the Disclosure 4.	 Statement Reg 	arding Fed sponsored R & D		i. CD-ROM or CD-R (2 copies); or						
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5. Oath or Declaration a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) copy from a prior application (37 CFR 1.63 (d)) for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting unemortry named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Data Sheet under 37 CFR 1.76: Continuation Provided Copy of Priority Document(s) (fill foreign priority is claimed) 16. (Nonpublication Request under 35 U.S.C. 122 (b)(2)(8)(i), Application Request under 35 U.S.C. 122 (b)(2)(8)(ii), Application at a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Data Sheet under 37 CFR 1.76: Continuation Priority Document(s) for continuation Priority Document(s) (fill foreign priority is claimed) 16. (Nonpublication Request under 35 U.S.C. 122 (b)(2)(8)(ii), Application Request under 35 U.S.C. 122 (b)(2)(2)(8)(ii), Application Request under 35 U.S.C. 122 (b)(2)(8)(8)(ii), Application Request under 35 U.	4. Drawing(s) (35 U					applicable)				
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14. Signature 15. Gro continuation/divisional with Box 18 completed) 16. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 16.3(d)(2) and 1.33(b). 16. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: 19. Continuation Divisional D				I [
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Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Or X Correspondence address below Name WON TAE C. KIM, PATENT ATTORNEY WESTERN DIGITAL TECHNOLOGIES, INC. 20511 LAKE FOREST DRIVE - LOC C-2 City LAKE FOREST State CA Zip Code 92630 Country USA Telephone 949-672-7813 Fax 949-672-5444 Name (PrintlType) Won Tae C. Kim, Esq. Registration No. (AttorneylAgent) 40,457 Signature Date 2/21/02	, ,		_	Group Art Unit.						
19. CORRESPONDENCE ADDRESS Or Correspondence address below Name WON TAE C. KIM, PATENT ATTORNEY WESTERN DIGITAL TECHNOLOGIES, INC. 20511 LAKE FOREST DRIVE - LOC C-2 City LAKE FOREST State CA Zip Code 92630 Country USA Telephone 949-672-7813 Fax 949-672-5444 Name (PrintlType) Won Tae C. Kim, Esq. Registration No. (Attorney/Agent) Signature Date 2/21/0-2	Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.									
Name WON TAE C. KIM, PATENT ATTORNEY WESTERN DIGITAL TECHNOLOGIES, INC. 20511 LAKE FOREST DRIVE - LOC C-2 City LAKE FOREST State CA Zip Code 92630 Country USA Telephone 949-672-7813 Fax 949-672-5444 Name (Print/Type) Won Tae C. Kim, Esq. Registration No. (Attorney/Agent) Signature Date 2/21/072										
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Address 20511 LAKE FOREST DRIVE - LOC C-2 City LAKE FOREST State CA Zip Code 92630 Country USA Telephone 949-672-7813 Fax 949-672-5444 Name (PrintlType) Won Tae C. Kim, Esq. Registration No. (AttorneylAgent) 40,457 Signature Date 2/21/02	Name	WON TAE C. KIM, PATENT ATTORNEY								
City LAKE FOREST State CA Zip Code 92630 Country USA Telephone 949-672-7813 Fax 949-672-5444 Name (PrintlType) Won Tae C. Kim, Esq. Registration No. (Attorney/Agent) 40,457 Signature Date 2/21/0 2	WESTERN DIGITAL TECHNOLOGIES, INC.									
Country USA Telephone 949-672-7813 Fax 949-672-5444 Name (Print/Type) Won Tae C. Kim, Esq. Registration No. (Attorney/Agent) 40,457 Signature Date 2/21/0 2	Address	20511 LAKE FOREST DRIVE - LOC C-2								
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	Name (Print/Type)	Won Tae C. Kim, Esq.	Regi	stration No. (Attorney)	'Agent)	40,457				
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 1,116.00

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Complete if Known						
Application Number	UNKNOWN					
Filing Date	HEREWITH					
First Named Inventor	AARON J. HANNA					
Examiner Name	UNKNOWN					
Group Art Unit	UNKNOWN					
Attorney Docket No.	K35A1018					

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)					
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106 330	206 165	Design filing fee	128	1,960	228 980	<i>i</i> 0	Extension for reply within fifth month		
107 510	207 255	Plant filing fee	119	320	219 160	30	Notice of Appeal		
108 740	208 370	Reissue filing fee	120	320	220 16	60	Filing a brief in support of an appeal		
114 160	214 80	Provisional filing fee	121	280	221 140		Request for oral hearing		
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2. EXTRA C		FOR UTILITY AND REISSUE		1,280	241 64	40	Petition to revive - unintentional		
		Extra Claims below Fee Paid	7 I	·	242 640		Utility issue fee (or reissue)	<u> </u>	
Total Claims Independent	18 -20** 7 - 3**		143		243 230		Design issue fee	<u> </u>	
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Multiple Depen	ident	=	122	130	122 13	30 F	Petitions to the Commissioner		
Large Entity	Small Entity		123	50	123 5	50 F	Processing fee under 37 CFR 1.17(q)		
Fee Fee	Fee Fee	Fee Description	126	180	126 180	30 <i>f</i>	Submission of Information Disclosure Stmt		
Code (\$) 103 18	Code (\$) 203 9	Claims in excess of 20	581	40	581 4	40 F	Recording each patent assignment per property (times number of properties)	40.00	
102 84	202 42	Independent claims in excess of 3	146	740	246 37	370 F	Filing a submission after final rejection		
104 280	204 140	Multiple dependent claim, if not paid		740			(37 ČFR § 1 129(a))		
109 84	209 42	** Reissue independent claims over original patent	149		249 37		For each additional invention to be examined (37 CFR § 1.129(b))		
110 18	210 9	** Reissue claims in excess of 20	179	740	279 37	370 F	Request for Continued Examination (RCE)		
		and over original patent	169	. [Į.		Request for expedited examination of a design application		
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**or number previously paid if greater. For Reissues, see above			*Rec	luced b	v Basic Fr	Filing	Fee Paid SUBTOTAL (3) (\$)	40.00	

SUBMITTED BY Complete (if applicable)							
Name (Print(Type)	Won Tae C. Kim	Registration No. (Attorney/Agent)	40,457	Telephone	949-672-7813		
Signature	W. Chim C			Date	2/21/02		

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REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor AARON J. HANNA

suspension design for attenuation of disk flutter induced track
Mis-registration of a hard disk drive by manipulation of load beam
Pitch angle

Atty Docket Number

K35A1018

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

2/21/02 Date

W. Chin L

Won Tae C. Kim, Reg. No. 40,457

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).